

HAPPY THANKSGIVING

VIEW FROM RAM-TOP

Yes, it is once again that time of year. Summer has ended as the cold arctic air swoops down from the north. And with it, the icy showers of winter. This is nature's reminder of the upcoming holidays that are always welcome. On the 24th of this month, every American will be celebrating a gathering of family and friends that is older than the nation itself. A time when people give thanks for what they have and what they can offer. This is a time of thankful giving. With this, the editors, writers, and staff of TIMELINEZ wish everyone a very happy Thanksgiving.

With this issue, I have been editor of TIMELINEZ for 1 year. Looking back shows too many unstable events. Financial loss, structural change, separation of Sinclink, rejoining of Sinclink with separation on a later date, merging TIMELINEZ within Sinclink and vice versa. My only defense is these 4 basic words:

I HAVE HAD ENOUGH!!!

Starting with the SEPT/OCT 1988 issue, TIMELINEZ returned to the original structure where it will stay. Since American Micro now absorbs the cost of printing, I do not see anymore financial problems in the future. As far as Sinclink goes, co-editor Bill Miller has reformatting his SLIX files for TIMELINEZ format and starting with this issue, Sinclink will stay as an integrated part of TIMELINEZ. This should stop confusion for those sending subscriptions for Sinclink dues (read TMLZ INFO on next page).

The next order of business is articles. Remember George Mockridge's slogan? "Only you can make TIMELINEZ great". Then let's see those articles in the mail. I have only received one for Timex, all the rest are for the sinclair QL. So let's get those typing fingers moving.

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With today's fast paced life styles and quick money making schemes, it's no wonder why so many Americans hate to play secretary at home come tax time. With this in mind, Carlos Lytle has tackled this idea and has prepared a small program that is properly titled **PAYCHECK ANALYST**. It will show, in percentages, what you are paying for in taxes, insurance, United Way and credit union deductions.

After entering P.A. you are asked a series of 9 questions concerning your weekly/monthly financial pay period. It may help to have your pay stub handy for this. When complete, your monitor/TV will display the following at which you may press P for a hard copy, R for another record, or any other key will exit.

Personally, I presently find this rather useful, however, it would make more sense with this type of program to install a screen saving/loading routine. I have always disliked storing my pay stubs in old shoe boxes somewhere in "The Black Holed Closet" where you will never see them again! With this patch, you could keep an electronic file of pay, easy to reach and find. How about a patch for this Mark??

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DEADLINE FOR NEXT ISSUE IS:

==>> DECEMBER 11, 1988 <==

TT **TIME****X****s****i****n****c****l****a****i****r**
II **u****s****e****r** **g****r****o****u****p**
MM **N****e****w****s****-M****a****g****a****z****i****n****e**

LL -T/S-PUG
II -T/S-SUU
NN -S/T-EBZUG
EE -TCWT/S_SIG
ZZ -TAS-BAM, Inc.

FRONT

PAGE

PRINTED USING
 sinclair QL
 PROFESSIONAL
 COMPUTER AND
 THIS PROGRAM.

DESK-TOP PUBLISHING
 FOR THE SINCLAIR QL
 =====

TIMELINEZ INFORMATION

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Back issues of **TIME-LINEZ**, 7/83 thru 12/87
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Issues 1/88 - present, contact your editor at **American Micro**.

The PDSE Library is now available to all; covering T/S1000-1500, T/S 2068, Spectrum and the QL. Contact **American Micro** for further details.

PERIOD ENDING: SEPT. 30, 1988

TOTAL PAY		\$153.95	100 %
FICA	\$11.64		7.512101 %
FEDERAL TAX	\$8.82		5.692159 %
STATE TAX	\$1.19		.1226202 %
CITY TAX	\$0		0 %
TOTAL TAXES		\$20.65	13.32688 %
UNITED APPEAL	\$0		0 %
CREDIT UNION	\$1.93		.6001936 %
INSURANCE	\$1.93		.6001936 %
MISCELLANEOUS DEDUCTIONS		\$1.86	1.200387 %
TOTAL DEDUCTIONS		\$22.51	14.52727 %
TAKE HOME PAY		\$132.44	85.47273 %

```

1 REMark === PAYCHECK ANALYST
  by CARLOS LYTLE
2 REMark === Ver.1.2 12-30-86
  CIS 74706,3432
3 MODE 4:WINDOW 512,206,0,0:
  PAPER 0:INK 7:CLS
4 CSIZE #0,2,1:INK #0,2,7,3:
  CLS #0:C=100
5 CSIZE 2,1:STRIP 2,7,0:AT 0,
  11:PRINT "PAYCHECK ANALYST":
  STRIP 0
6 CSIZE 0,0:PRINT:PRINT
7 INPUT #0,"DATE OF PAYCHECK:
  ":D$
8 INPUT #0,"TOTAL PAY: $":TP
9 INPUT #0,"FICA(Soc.Sec.)
  DEDUCTION: $":FICA
10 INPUT #0,"FEDERAL TAX: $":FT
11 INPUT #0,"STATE TAX: $":ST
12 INPUT #0,"CITY TAX: $":CT
13 INPUT #0,"UNITED APPEALS: $":
  UA
14 INPUT #0,"CREDIT UNION: $":CU
15 INPUT #0,"INSURANCE: $":INS
16 TAX=FICA+FT+ST+CT
17 MISC=UA+CU+INS
18 DED=TAX+MISC
19 NP=TP-DED
20 X=1:CLS #0
21 OUTPUT
22 OPTION
23 DEFine PROCedure OUTPUT
24 INK 4,7:PRINT #X,TO 20:UNDER
  1:PRINT #X,"PERIOD ENDING:";
  TO 32:D$:UNDER 0
25 INK 7:PRINT #X,"TOTAL PAY";
  TO 50-LEN(TP);"$":TP;TO 67;"
  100 %"
26 PRINT #X,"FICA";TO 30-LEN
  (FICA);"$":FICA;
27 PRINT #X,TO 70-LEN((FICA*C)
  /TP);(FICA*C)/TP;" %"
28 PRINT #X,"FEDERAL TAX";TO
  30-LEN(FT);"$":FT;
29 PRINT #X,TO 70-LEN((FT*C)
  /TP);(FT*C)/TP;" %"
30 PRINT #X,"STATE TAX";TO
  30-LEN(ST);"$":ST;
31 PRINT #X,TO 70-LEN((ST*C)
  /TP);(ST*C)/TP;" %"
32 PRINT #X,"CITY TAX";TO 30-
  LEN(CT);"$":CT;
33 PRINT #X,TO 70-LEN((CT*C)
  /TP);(CT*C)/TP;" %"
34 INK 2:PRINT #X,"TOTAL TAXES"
  ;TO 50-LEN(TAX);"$":TAX;
35 PRINT #X,TO 70-LEN((TAX*C)
  /TP);(TAX*C)/TP;" %"
36 INK 7:PRINT #X,"UNITED
  APPEAL";TO 30-LEN(UA);"$":UA;
37 PRINT #X,TO 70-LEN((UA*C)
  /TP);(UA*C)/TP;" %"
38 PRINT #X,"CREDIT UNION";TO
  30-LEN(CU);"$":CU;
39 PRINT #X,TO 70-LEN((CU*C)
  /TP);(CU*C)/TP;" %"
40 PRINT #X,"INSURANCE";TO
  30-LEN(INS);"$":INS;
41 PRINT #X,TO 70-LEN((INS*C)
  /TP);(INS*C)/TP;" %"
42 INK 2:PRINT #X,"MISCELLANEOUS
  DEDUCTIONS";TO 50-LEN(MISC)
  ;"$":MISC;
43 PRINT #X,TO 70-LEN((MISC*C)
  /TP);(MISC*C)/TP;" %"
44 INK 7:PRINT #X,"TOTAL
  DEDUCTIONS";TO 50-LEN(DED)
  ;:UNDER 1:PRINT #X;"$":DED;
45 PRINT #X,TO 70-LEN((DED*C)
  /TP);(DED*C)/TP;" %":UNDER 0
46 PRINT #X:STRIP 7:INK 0
47 PRINT #X,"TAKE HOME PAY";TO
  50-LEN(NP);"$":NP;
48 PRINT #X,TO 70-LEN((NP*C)
  /TP);(NP*C)/TP;" %"
49 STRIP 0
50 END DEFine OUTPUT
51 DEFine PROCedure OPTION
52 INK #0,4,7,3:PRINT #0," PRESS
  P TO PRINT","R FOR ANOTHER"
53 INK #0,2,7,3:PRINT #0,"ANY
  OTHER KEY STOPS PROGRAM"
54 A$=(INKEY$(-1))
55 IF A$=="P":PrOn:OUTPUT:PrOff
56 IF A$=="R":RUN
57 CLS #0:PRINT #0," END OF
  PROGRAM"
58 END DEFine OPTION
59 DEFine PROCedure PrOn
60 X=3:OPEN #X,SER1:PRINT
  #X;CHR$(27);"!";CHR$(9);
61 END DEFine PrOn
62 DEFine PROCedure PrOff
63 PRINT #3,CHR$(27);"0"
64 X=1:CLOSE #3
65 END DEFine PrOff

```

TYMNET INFORMATION SERVICE

BY LT. TIM SWENSON

For those that are just starting with modeming, there is a Tymnet Information Service that might be of use. This is basically an online advertisement for Tymnet. It's not very interesting in itself, but it's free and can be accessed through cheap local phone calls.

If you are just beginning in modeming, you may not know your way around things. This can cause problems on a few local BBS's that have problems when the communication is not terminated properly. In other words, if you accidentally hang-up on them.

This is not the case with Tymnet. The main frame(s) that run the service can handle such problems. So here is a cheap testing ground for your modeming.

Below is a listing of local Tymnet access numbers. Once you have called one of these, it will ask you for your terminal identifier. Hit A. When it asks you to log in type INFORMATION and you are on your way.

Alameda/Oakland	415/430-2900
Antioch	415/754-8222
Belmont/Red. City	415/366-1092
Burlingame/S. SF	415/588-3443
Concord/Wt. Creek	415/935-0370
Fremont	415/490-7366
Los Altos/St. Cl.	408/980-8100
Napa	707/257-6810
Pleasanton	415/462-8900
San Francisco	415/974-1300

THE INCREDIBLE SHRINKING SCREEN

SCREEN SCREEN
SCREEN SCREEN

BY WILLIAM PEDERSEN

You have all heard about the Liars Club where the joker who tells the most unbelievable and outrageous tale, wins the title.

It gave me an idea. Why not hold a contest (no prizes) for the most outrageous unbelievable computer program?

WAR IN THE EAST

BY MARK STUEBER

As of right now, this is the only wargame available for the QL. I have seen wargames on other computers, and I'd say that this program is right up there with them.

After the program loads, you see a small window onto a large map of Eastern Europe, a window telling information on the game, and a small window telling you the stat's on the unit currently in use.

The computer plays the part of the Russian units, while you are the unstoppable German Wehrmacht. As each scenario progress, your initial starting condition gets worse and worse.

The program is done in mode 8, so the graphics are not the best but they are quite good for the low res mode. The map is very accurate.

The scope of the game is very large. Each side has about 30 to 40 units. During your turn, each unit is flashed, signaling you that this is the current unit. You may then move the unit and tell the computer who that unit is to attack. It takes about 15 to 20 minutes to finish this.

The computer then resolves your attacks, showing you the results on the map. Then the Russian units move, showing you each move. Then the Russian units attack.

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If someone is willing to forego entering it himself, and take the position of impartial judge, this could become the zany event of this year.

To start off what I hope will become an annual event, I dare to submit this first entry.

There should be some basic rules. I leave them to someone who can avoid the charge of digital collusion.

SUCH A PROGRAM! SHEEE!

```
1000 INPUT "Reduction: 2, 4, 8?"
      " "
1001 FOR k=175 TO 0 STEP -5
1002 FOR n=0 TO 255 STEP 5
1003 LET w=NOT POINT (n,k)
```

SEE PAGE 393

INCREDIBLE SCREEN CONTINUED.....

```
1004 PLOT INVERSE w;n/s,(k-1)/s+
      88+(43 AND s=4)
1005 NEXT n: NEXT k: STOP
1006 LET n=178-176/s
1007 FOR n=n-1 TO n-16/s STEP -1
      : PLOT INVERSE 1;0,n: DRAW
      INVERSE 1;256/s-1,0: NEXT n
1008 FOR n=0 TO 24/s-1: PRINT AT
      n,32/s,: NEXT n
1009 FOR n=0 TO 21: PRINT AT n,0
      ,,: NEXT n: STOP
2000 CLS : FOR n=1 TO 300: PRINT
      "": NEXT n: GO TO 1000
```

WAR IN THE EAST CONTINUED.....

Each turn takes about 45 minutes to complete. This may seem long, but most of the turn is spent considering your next moves. It will take about 10 hours to finish the game, if you play fast. There is a save game feature that allows you to save the current game. You will find that you will use this alot.

Over all, the game is very good. The computer plays a good game. If you buy all four scenarios, like I have, it will take a while to get through them. This game definitely has lasting play-ability for the wargamer. Other user's may find it a bit boring compared to the joystick grinding speed of video games. For the avid wargamer, like me, it solves the problem of digging somebody up to play against.

Lt. Tim Swenson

QL FLIGHT SIMULATOR

BY MICRODEAL

The QL Flight Simulator comes in a box with one wafer and a small but thorough manual. Also included are a couple of "cheat sheets" that sum up the keyboard commands.

Once you boot up the program you are asked to select a world, after that you are placed in the cockpit of the plane, sitting on the runway ready to go.

Once you throttle up, lower the flaps, and release the break you are rolling down the runway zipping past the tower. The graphics are the wire type that can be seen in most 3D programs. The screen changes about twice per second, so the scrolling speed is not to fast.

Once you are up in the air you are free to do what you wish. I have put the plane in a power dive, gained speed, then did a loop, with no trouble from the program. Some simulators I have seen would have at that point informed you that your wings have ripped off.

Controlling the aircraft is sort of difficult. The program has keyboard memory. Meaning, it remembers what keys you have pressed even after you have lifted your finger off of them. This means that it is easy to get into a spin or turn and make it worse by over steering in the other direction.

Over all the game is so-so. I basically bought it because I am going to be a pilot, so I thought this would be a fun program to have. I would not give this package my high marks. It is an average program with average enjoyment. But since it is the only flight simulator for the QL, your choices are limited.

LT. TIM SWENSON

SinLink Volume 6; Numbers: 10-11 Oct, Nov, 1988..

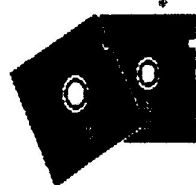
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88 (10? Months), 8810
Addresses (sx88.doc, 1844)..
8. SinLink Information 88
(si88.doc, 6544)...

** Disk (Media) Exchange:..
As of 880929, we have ex-
changed TS Files on (1)
disk and (1) QL Cartridge
with individuals and
(0) with User Groups..
We would prefer to exchange
Newsletter Info by Disk in
the following formats (in
Descending Order of Prefer-
ence)::

*** QL 3.5in 720k..
*** QL 5.25in 720k..
*** QL Cartridge or other
QL Disk Formats..
*** IBM 3.5in 720k..
*** IBM 5.25in 360k..
*** IBM 3.5in 1.44MB..
*** IBM 5.25in 1.2MB..
*** C64/128 3.5in 800k..
*** C64/128 5.25in 340k..
*** Amiga 3.5in 800k..
*** TS2068 5.25in Larken
800k..
*** TS2068 3.5in Larken
800k..
*** Macintosh 3.5in 400k..
*** Macintosh 3.5in 800k..
*** 'Next' 256MB Optical
Disk...

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feel free to send us a disc
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Cupertino, CA 95014...

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The D.U.S.
 Version 2.0

For LARKEN LKDOS cartridge

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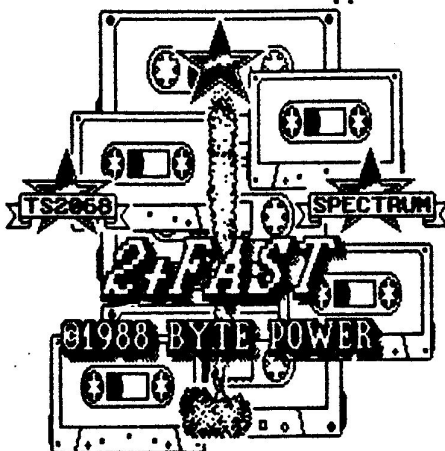
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From the Sept./Oct. 1988 N/L of the Boston Computer Society.

PSION PRODUCTIVITY TIPS

In the three years since getting a QL, I continue to be surprised at little secrets it reveals.

Here is a new one and two oldies some haven't tumbled to yet.

■ On screen, the number zero (0) has a slash so it looks different from the capital letter O. Most printers have a dip switch setting so the zero can be printed without the slash. Pretty, but once in a while you actually want the slash in the zero, as when printing a listing from Quill.

In the bowels of the QL's character set is <CTRL><SHIFT> F which is like slash zero. QIs and many Epson/Seikoshas can print this.

■ In the Psion programs there is a screen re-draw key <SHIFT><F5>. Screen redrawing rewrites the screen. It's useful in Quill if on-screen text jumps all over the place during editing.

When inserting text in the middle of a document, space opens in the middle of the screen to let Quill breathe you and it some room. Add a character in the middle of text and everything after is pushed one byte in RAM. Keep this up at a rapid pace and the screen gets stressed trying to keep up. At the end, text doesn't always close up neatly. <SHIFT><F5> is Psion's equivalent of Valium.

■ Speaking of <SHIFT><F5>, not everyone knows about <CTRL><F5>, which pauses on-screen scrolling.

In SuperBASIC, without Toolkit II extensions (and sometimes with), and in programs which send all kinds of stuff to the screen but have no built-in pause, it can be desirable to pause the program.

LISTing a program, COPYing a file to scr or doing a long DiRectory, can be frustrating. Scrolling is paused by pressing <CTRL><F5>; to continue, press <CTRL><F5> again.

Actually, any key press continues scrolling but CTRL F5 is best. It does not register in the buffer and consequently is not mistaken for a subsequent INKEY\$, or its equivalent, as a keyed response.

- Peter Hale

From the October 1988 N/L of the Capital Area T/S Group.

Z88 PROGRAMS, TIPS, AND OTHER USEFUL INFO

by Pieter van Dijk

Useful information for the users of Uncle Clive's newest computer

Transfer of files from the Z88 to the QL.

The following program can be used to transfer files with the Z88 Export menu to the QL. The file can be shown on the QL screen when being transferred. The program reads the incoming characters and sends them to a QL file. When a chr(13) is received a newline is generated. The control sequences from Import all start with chr(27) and are handled with the Select statement. For the codes see the Z88 Manual, page 180. The procedure SKIP is used to skip over the file name sent by the Z88. For next month, I will have the program for transfer from the QL to the Z88.

Peter van Dijk

100 REMARK TRANSFER OF FILE FROM Z88 TO QL

110 REMARK WORKS WITH EXPORT

120 WINDOW 512,202,0,0:PAPER 0:INK 7

130 CLS:CLS#0:FLAG=0

140 AT#0,0,10:INPUT#0,'DEVICE':DEV\$

150 INPUT#0,TO 10,'FILENAME':NAME\$

160 OPEN NEW#4,DEV\$NAME\$

170 INPUT#0,TO 10:TO SCREEN ON QL? (Y/N) :CH\$

180 IF CH\$="Y":FLAG=1

190 OPEN#3,SEP2

200 REPEAT LOOP

210 X\$=INKEY\$(#3)

220 IF X\$=CHR\$(27)

230 Y=CODE(INKEY\$(#3))

240 SELECT ON Y

250 -78

260 SKIP

270 -69

280 CLS#0:CLOSE#3:CLOSE#4:STOP

290 END SELECT

300 X\$=INKEY\$(#3)

310 END IF

320 IF X\$=CHR\$(13)

330 IF FLAG:PRINT:END IF

340 PRINT#4

350 NEXT LOOP

360 END IF

370 PRINT#4,X\$

380 IF FLAG:PRINT X\$::END IF

390 END REPEAT LOOP

400 DEFINE PROCEDURE SKIP

410 REPEAT L

420 A\$=INKEY\$(#3)

430 IF CODE(A\$)=27:EXIT L:END IF

440 END REPEAT L

450 A\$=INKEY\$(#3)

460 END DEFINE SKIP

From the Sept./Oct. 1988 N/L of the Boston Computer Society.

Byte Power, 1748 Meadowview Ave., Pickering, ONT, CANADA L1V 3G8. US\$32.00 for 6 issues. (\$2.00 for Catalogue/Demo tape, a must buy)

Computer Shopper, P.O. Box F, Titusville, FL 32781. \$2.95 at computer stores; by subscription, monthly. (Various special deals)

SyncWare Group, 602 S. Mill St., Louisville, OH 44641. \$18.95/yr, bi-monthly, for SyncWare News or Quantum Levels. (Sample \$2.00)

Time Designs Magazine, 20722 Hult Road, Colton, OR 97017. \$16.95/yr bi-monthly. (Also get May/June 88 User Group issue for \$3.00)

UP-DATE, 1317 Stratford Avenue, Panama City, FL 32404. \$15.00/yr, quarterly.

1988 Nov 08 14:11:15
fip1 ac0810 lis
08104.0932;; 4023 WORDS;;
(S)LI1;; (C)contacts;;
Filename: ac0810 (sf08)
(I_Page);;

SLIX Contacts 0810 (34):...

0 081031.2055--2311/Call from
Rex Lundgren..
Rex reported on his theatrical
'Light Board Controller'
Project progress, and his plans
for a 'OL Memory Speed Up'
Design..
Rex also reports he purchased a
TAS-80 Color Computer which
seems to be several times as
fast as the TS2068 for some
programs...

0 081030.1131--1147/Call from
Tim Swenson..
Tim reports he got a 40 track
5.25in Full Height Disk Drive
with full height case and power
supply for his OL for \$145..
It seems to work fine but they
had some trouble trying to
check it out because they were
trying to read an 80 track
disk...

0 081029.2022/Call from Jack
Dohany..
Jack reports he got a letter
from Mark Fisher;;
301-589-7407;; 700 Erie Ave.;;
Takoma Park;; MD;; 20912..
Mark's letter inquires about
exchanging information between
the TS2068 and OL using Floppy
Disks for the Spring 1989 TS
Fest to be held in the
Washington D.C. area?..

Mark:
We have been investigating ways
to transfer information (files)
between the TS1000, TS2068
(Spectrum), and OL. Three ways
seem to be reasonable:

1. Communications Software,
MODEMs, and direct Computer to
Computer Communication or use a
BBS as a 'Buffer'..
2. Communications Software and
RS-232 Interfaces..
3. Write Disks in a common
format (like MS-DOS, 360K)..
We haven't made much progress,
but Mark Nahl is working on a
SuperBASIC program to Read and
Write MS-DOS 360K and 720K
Disks on the OL. We hope to
publish it in SincLink when we
get it done..
For the TS2068 (and possibly
TS1000) Larry Kenny would seem
the most logical person to
contact. John Olier might also
be a possible contact..
We hope to hear a progress
report from you!...

0 081029/TEN TS 516 Meeting;;
Attendees (51): Peter
Schwartz;; 415-493-7399;; For:
Analog, Interface, and Power
Control Design; Dave Young
from Peregrine Systems; Bill
Baker;; Dick Delpp;; Herman
Griffin;; Antony King;; Carl
Lindem;; Bill Miller;; Don
Moser;; Ralph Muraca;; Mark
Nahl..
Topics:
01 Truett Smith's new Day (Work)
phones: 408-433-2953;; by Dick
Delpp..
02 Information Exchange (by Bill
Miller);;
03 Networks;;
04 Commercial Services;;
05000 PC Pursuit;; \$25.00/no..
05000 Compuser;; \$6.00/hr..
05000 Prodigy;; \$10.00/no..
05000 The Source?..
05000 The Well?..

05000 Genie?..
05000 B11?..
05000 U.S. Mail?..
05000 User Services;;
05000 F190..
05000 USENET/Portal;;
050.00/no..
051 Media;;
05000 Newsletters;;
05000 Computer Printed..
05000 Copied..
05000 Printed..
05000 Floppy Disk;;
05000 5.25in 360K..
05000 3.5in & 5.25in 720K..
05000 5.25in 1.2MB..
05000 3.5in 1.44MB..
05000 3.5in 10420MB..
05000 Optical Disk;; 256MB
Next?..
050 Information Formats (Text);;
05000 LIFO?..
05000 Files;; MS-DOS;; OL-DOS;;
Amiga;; Macintosh;; Atari;;
CP/M;; OS-9;; CPID?..
05000 Records;; Fixed & Variable
Length..
05000 Fields;;
05000 Fixed & Variable Length..
05000 Predefined & Defined in
Field Header..
05000 Searching Methods;;
05000 Linear..
05000 Create a table with the
Addresses of all;;
05000 Words..
05000 Keywords;;
05000 Names..
05000 Subjects or Topics..
05000 Records..
05000 Last Strings Searched
for..
050 Information Formats (Other
than Text);;
05000 Graphics;;
05000 Bit Mapped;;
05000 RLE (Run Length Encoded,
256 x 192, Monochrome)..
05000 GIF (Graphics Interchange
Format, 16,536 x 16,536,
16,000,000 Colors)..
05000 Draw;; DIF (Data
Interchange Format,
1,000,000,000 x 1,000,000,000
for AutoCad)..
05000 Sound..
05000 Video; Digital, HAM (Hold
and Modify)...

0 081028/Check from Jim Levey
for \$15.00 to 'Timelinez User
Group'...

0 081027/Catalog Sheet from
Curry Computer;;
1-602-978-2902;; P.O.Box
5607;; Glendale;; AZ;;
85312-5607..
'Curry Computer Current Catalog
of October 15, 1988' contains:
01 Description;; (Number of
items)..
02 TS1000 Software;; (48)..
03 TS2068 Software;; (18)..
04 TS Books;; (14)..
05 TS1000 Hardware;; (5)..
06 Spectrum Software;; (42)..
07 OL Software and Hardware;;
08 Games;; (27)..
09 Utilities;; (19)..
10 Languages, Etc.;; (8)..
11 Graphics;; (17)..
12 Misc. Software;; (31)..
13 Hardware, Etc.;; (20)..
14 Magazines;;
15 Sinclair;; (3)..
16 Total;; (16)..
17 IBM Software;; (7)..
18 Astrad Computers;; (10)..
19 PPC Printables;; (2)..
20 Astrad Printers;; (3)..
21 Printers;; (5)..
22 MODEMs;; (6)..
23 Cambridge Computer, Z80;;
(12)..
24 Psion Products;; (14)...

0 081026/BUTS/SV Meeting;;
Attendees (5): Bill Miller;;

Steve Nichols;; Don Waltermann;;
John Andrews;; Carl Rink..
01 John (080906.1917) passed
around his RMB Catalog. He also
contributed a cassette and
listing of the TS2068 'Power
Supply Filter Capacitor
Calculate Needed Value' Program
to the SincLink Library..
02 Steve reported on the File
Compression Algorithm he plans
to use in his DOS program..
03 Don (081022) is a Customer
Engineer with Hewlett-Packard.
He has been visiting this area
for about (6) months and is
returning home in (3) days. He
will be back for (3) weeks in
January. He subscribes to 'PC
Pursuit' and contacts the LogOn
BBS's regularly. He has (3)
OL's, a 'Trump Card', and 3in,
3.5in single sided, 5.25in 40
track, and 5.25in 80 track disk
drives..
04 Carl reported on his trip to
the TS Fest in Oregon and asked
for suggestions on using his
TS2050 NOBEN with his TS2068,
and the usefulness of the
Larken 256K RAM Expansion..
05 Bill discussed making
Sinclair File Systems
compatible with each other and
the rest of the world...

0 081024/Letter from Richard
Matejovic;; 614-263-0447;;
(081008.1617--1703)...

Tim:
Thanks for the check! TIMELINEZ
and SincLink will probably be
separate since they will both
probably be Bi-Monthly and
TIMELINEZ will probably never
have enough room for all of
SincLink. We will probably try
a \$15.00/ year subscription
rate for the first newsletter
with \$10.00 for the second and
see how our finances work out.
You will be the first Dual
Subscriber!..
Glad to hear you got your OL
repaired and that you plan to
get a disk drive. When you do,
tell us what kind (40 track, 80
track, etc.) and we will try to
send you SincLink on disk!..
The Shareware 'C' compiler
project is progressing, but
slowly. As you can see from the
081016/'64/MORE' record, we got
the Amiga disk with the
optimizing 'C' compiler, but we
haven't had a chance to load it
into Don Moser's Amiga to see
about porting it to the OL..
\$100 per tape for Public Domain
UNIX 'C' Programs for the SUN
might be worth considering if
we knew what the programs were.
The first step is probably to
get a list with descriptions.
How do we transfer the Files
(Programs) from the SUN to the
OL? Over the Serial Port?..
The OL handling MS(PC)-DOS Files
(Reading and Writing) is also
making progress. Mark Nahl has
written a SuperBASIC program
using the BASIC Extensions in
the OL-DOS Disk Interface ROM
to Read the Directory of an
MS-DOS Disk and read the first
sector of every file to look
for a description. It will also
do a sector copy to a second
drive and read a file if the
sectors are contiguous..
The problem comes when we
try to read (or write) a
non-contiguous file. Then we
need to understand the File
Allocation Table. Mark thinks
he has it pretty well figured
out, but when he tries to test
it out, the OL Flaring Point
BASIC routines (needed to

glow. Test with a short program
and adjust till you get a good
load. Light brightness will be
different with different
recorders. When you have a good
load, that light brightness
should be a good load 90% of
the time..
Parts List:
Qty Description..

6 .125in Jacks..
1 BPDF Switch..
1 SPST Switch..
3 LED's..
1 510 Ohm 0.25 Watt Resistor..
1 Small Project Box..
Schematic:

Does anyone know how to get a
schematic into DILL? Or do we
make it a separate 'Draw'
File?..
Richard:

Thanks for the information!
Would you be willing to share
your information on the
'Deposit' basis proposed in the
'081024/Letter from Charles
Schroeder' Record? If so, send
us the price of each item and
we will add your list to our
list and make it available to
anyone who asks...

0 081024/Letter from Tim Swenson
with \$30.00 check for (1) year
TIMELINEZ Subscription and
(1.5) year SincLink
Subscription?..

Tim:
Thanks for the check! TIMELINEZ
and SincLink will probably be
separate since they will both
probably be Bi-Monthly and
TIMELINEZ will probably never
have enough room for all of
SincLink. We will probably try
a \$15.00/ year subscription
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You will be the first Dual
Subscriber!..
Glad to hear you got your OL
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drive and read a file if the
sectors are contiguous..
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try to read (or write) a
non-contiguous file. Then we
need to understand the File
Allocation Table. Mark thinks
he has it pretty well figured
out, but when he tries to test
it out, the OL Flaring Point
BASIC routines (needed to

calculate the sector number) do some strange things (mostly, he suspects, having to do with not enough precision and the way it rounds off)...

Tell us when you get your disk drive, and we will send you a copy and maybe you can take a shot at it...

Also, we really aren't too motivated to read an MS-DOS disk since it looks like most of the interesting files will be in Amiga, Macintosh, Atari, or SUN disk format...

Thanks again for subscribing and submitting all the Newsletter Articles...

Keep in touch...

881024/Letter from Chester H. Marcinkowski with \$15.00 check to Sinclink for (1) year subscription to Sinclink...

Chester::
Thanks for subscribing! Did you get your TS1000 working?...

881024/Catalog Sheet from Prairie Digital::
ACD-TEL-MUMB?;; 4561 Sandpiper Trail;; Cottage Grove;; WI;; 53527;; USA...

OL Data Acquisition System::
88 24 Lines of Programmable I/O...

88 8 Channel- 8 Bit A/D Converter...

88 12 Bit Counter...

88 Plugs into the Expansion Connector...

88 Complete, Easy to Follow Instructions...

Price (U.S. Dollars) + \$3.00 Handling & Shipping. Send Check, Money Order or C.O.D.::

88 1 System;; \$89.00...

88 2 to 4;; \$79.00...

88 5 or more;; \$75.00...

88 Bare Circuit Board (includes Complete Instructions);;
\$30.00...

881024/Letter from Charles Schroeder;; ACD-TEL-MUMB?;;
4917 Shirley Ln.;;

Bakersfield;; CA;; 93307...

Charles incloses a SASE and says he has a TS1000. He needs information on how he can obtain a 'Memory Map' that he can use to write Machine Programs with or can we recommend a good book on Assembly Language...

Charles::

Thanks for the SASE. We are not to sure how much help we can be on the Assembly Language questions since the longest Assembly Language Routine we have ever 'written' was 141 bytes long.

We searched the Sinclink Library and found the following books which may be helpful::

1. 'The Complete TS1000 ROM Disassembly';; \$19.95;; by Dr. Ian Logan...

2. 'Programming the Z80';;
\$16.95;; by Rodney Zaks...

3. 'Mastering Machine Code On Your Z80/TS1000';; \$12.95;; by Toni Baker...

4. 'Z80/TS1000 Programming in BASIC and Machine Language';;
\$9.95;; by E.Floegel...

5. 'Machine Code and Better BASIC' for the Z80, Z801, TS1000, & TS2068;; \$11.95;; by Ian Stewart and Robin Jones...

6. 'Machine Language Programming Made Simple For Your Sinclair & TS1000';; \$14.95;; by Dean Software...

7. 'Z80 Microcomputer Handbook';; \$8.95;; by William Borden Jr. ...

8. 'The Z801, TS1000 Home

Computer Book';; \$15.00;; by David C. Foyt...

9. 'The Explorer's Guide to the Z801 and TS1000';; \$10.00;; by Mike Lord...

These are available for checkout by Sinclink Subscribers for a Deposit equal to the price of the book + a \$2.00 Shipping & Handling Fee...

Hope this helps...
Can anyone else help?...

881022/TCN TS 816 Meeting;;
New Attendees:: Don Waltheron...

Don gave us a \$15.00 check to 'American Micro Connection' for a year's subscription to TIMELINEZ...

88 Carl Linden;; BDS's (FIBO in particular)...

88 'Altra Max' from 'R's' Corp. in Cincinnati, OH by Howard Lebowitz...

A System Optimizing Program.. Object Code and (2) days Consultant's time to install: \$20,000...

Source Code: \$25,000,000...

881021.2148-.2343/Call from Bill Pedersen;; 616-452-7004...

Bill reports he got the Newsletter we sent him. He is looking for help in popularizing his TS2068 Bank Switching Design. He is presently using Core Memory, but would like someone to build it with CMOS Static RAM. Can anyone help? You may contact Bill directly for information on his design...

881021.1951/Call from Don Waltheron;; ACD-797-9612;;
39637 Kingsbury;; Sterling Heights;; MI;; 48078...

Don found out about us from the San Jose Mercury News. He has some TS2068's but doesn't use them much. He started with a Z80 kit and now has a GL with Trump Card and S.25in Z80K drive(s). He will try to attend the 881022 TCN TS 816 Meeting...

881020/Z88 Catalog Sheet from Cambridge Direct;; Kevin Jeffers;; 312-940-0084;;
President;; 1419 Lake Cook Road;; Deerfield;; IL;; 60015...

'Cambridge Direct' is now setting up a rep network among user groups that will allow you to buy the Cambridge Z88 at a discount- and resell it to group members at a profit to you, and a low price to them. Call me at 312-940-0084 for further details on this opportunity...

881018.2114/Call from Randy Baker;; 415-594-0115...

Randy reports he got a chance to try out the 'Neat' computer last weekend...

He is still interested in connecting his Heath 'Hero' robot to one of his TS1000's thru the RS-232 port on the robot. We suggested he contact::

88 The Robotics Society of America, S.F.;; Jim Strope;;
415-673-2376; 415-552-4544
eves.;; 36 Howell St.;; San Francisco;; CA;; 94133;; (from Computer Currents 880322-0404 page 92) (880405,1657)...

88 From Computer Currents 880906-19 page 84::
888 BAHUB, Bay Area Heath Users Group, 2nd Tues., 7pm.

Heath/Zenith Computer Store, 2001 Middlefield Rd., Redwood City, Ed Hayes, 415-326-4488...

881017/Letter from Charles Ridgway;; 915-942-7564;; 2816 Chestnut;; San Angelo;; TX;; 76901...

'Dear Fellow TSers...
Hi! I am interested in participating in your Public Domain Swapping Program. I use the TS-1000, 1500, & the 2068 and I am currently trying to set up a Software Connection of Buying and Selling TS SW (and some HW)...

I am looking forward to being in contact with several TSUG's...
Thank You...

Charles::
Thanks for your interest. Our 'Shareware' File Exchange Program is explained on page 8 of the attached Sinclink 8807-9. We look forward to exchanging files with you...

881017/Envelope 12in x 9in (40.65 Postage) from The WIDJUP Co.;; William J. Pedersen;;
ACD-TEL-MUMB?;; 1120 Merrifield S.E.;; Grand Rapids;; MI;; 49507...

Contains::
88 Letter...

88 Article regarding expanded bank switching (for the TS2068) (8 Pages)...

88 'TS2068 HOME ROM BYPASS' article (2 Pages)...

88 Bill::
Thanks for the articles. We hope they are available on disk, so we don't have to TYPE them into our Data Base!...

881017/Article from COMPUTE! Magazine 8811 Page 104;;
'discoveries- The computers of yesterday...' by David Stanton;; CIS 872407,102;;
P.O.Box 494;; Bolivar;; NY;; 14715...

Article Lists::
Timex Sinclair Silicon Valley Users' Group...
6675 Clifford Dr. ...
Cupertino, CA 95014-4530...
(408)253-3175...

881016/'64/MORE' Meeting at the Cupertino Library...
Thanks to the Commodore Amiga Folks for making us copies of the Fred Fish Disks (3) (their library's highest Disk is 118)...

88 Fred Fish 110::
A68K;; A 68K assembler written in C. Source...
Pdc;; An optimizing C compiler for the 68K, update to FF53, but not based on the code of that disk...

88 Fred Fish 13::
Basic Programs, including::
IMDBEN...

88 Fred Fish 46::
AnSci;; Preliminary plans for a SCSI disk controller board...
File Descriptions from 8808904a...

881016/TSUG Meeting;;
Attendance (8):: Andy & Stephanie Wadesky, George & Sonja Mockridge, Walt Johnson, Bob Orrfelt, Mark Wahl, & George Goodman...

881 Homebrew Robotics Club
Richard Prather, 415-494-8499...
888 Robot User Group (INERD 1),
415-345-8155...

888 Robotics Society of America,
S.F.;; Jim Strope;;
415-668-7074...

Randy is also looking for used TS1000 Stringy Floppies (AKJ Microdrive or CAI) and TS1000 Keyboards to buy. Can anybody help?...

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881016/TSUG Meeting;;
Attendance (8):: Andy & Stephanie Wadesky, George & Sonja Mockridge, Walt Johnson, Bob Orrfelt, Mark Wahl, & George Goodman...

Bob discussed TS2068 Bank Switching...
Andy discussed the virtues of the Z88...

881016/Article from San Jose Mercury News 'Computing' Page F11:: 'How Jobs packaged Next' by Rory J. O'Connor...

881015/Letter from Chester Marcinkowski;; -;; 6342 So. Abbott Rd.;; Hamburg;; NY;; 14075...

Chester found out about us from the 8811 issue of Compute! Magazine. He has a TS1000 and has (4) questions::

1. Does he need a special cord for input to a TV?...

2. The power cord does not work to power up...

3. Where can he buy a tape deck for the TS1000?...

4. Where can he buy parts for the TS1000?...

Chester::
We may not be able to help you with all your questions, but maybe some of our other readers can. Here goes::

1. If you didn't get a TS1000 Manual, 'transfer switch box', and Television Cable with your TS1000, it is going to be hard to answer this question...

For the switch box, try Radio Shack Part No. 15-1255...

For the cable, try Radio Shack Part No. 15-1538 or 15-1535...

2. If your TS1000 Power Pak is really broken, an equivalent is available from: JANECD;;
415-592-8097 (24hrs);; as Part No. DC910...

3. For a tape deck, any Audio Cassette Recorder should work...

4. For TS1000 parts, Back issues of TIMELINEZ/Sinclink are a good place to look. These are available for \$1.00 each. The 8412 issue has an index to previous issues. You may wish to order it first...

Hope this helps. Don't hesitate to write if you need more help...

881015/TCN TS 816 Meeting;;
Attendees (4):: Dick Delp, Bill Baker, Howard Lebowitz, ...
Rob Howell didn't show up for the 'Excel New User's Report', so a general discussion was held...

881014/Letter from TIME DESIGNS Magazine;; Tim Woods;;
Voice:: 503-824-2658; CIS ID# 71350,3230;; Managing Editor;;
29722 Mult Road;; Colton;; OR;; 97017;; USA...

Tia encloses a self addressed stamped envelope and a questionnaire asking why SLIX/Sinclink did not renew Subscription...

Tim::
Thanks for asking and thanks for the self addressed stamped envelope. We didn't renew because we were unsure of our financial situation...
We seem to be in better financial shape now, so please charge our \$16.95 subscription to the credit card and expiration date indicated...
Our last issue received seems to have been 8801-2, so please continue our subscription with the next issue so we will have a complete collection of TIME DESIGNS...

Also, please insert the following ad in the 'Free ads for Subscribers' Classified Section::...

Sinclair ShareWare Disk File Exchange. For Info and Sample Newsletter send \$1.00 (Check to "Sinclink", Stamps or Cash) to: Sinclink, 4675 Clifford Dr., Cupertino, CA, 95014-4530...

8 001008.1617-1703/Call from Richard Matejovic;; 614-263-0447;; 113 West North Broadway;; Columbus;; OH;; 43214...

Richard found out about us from Computer Shopper. Within the last (6) Months he has purchased:

88 (6) TS1000's (3 Worked)..
88 BYTE-BACK UN-84 64K Memory (without manual)..
88 Memotech;;

88 Keyboard..
88 Word Processor..
88 Centronics Interface..
88 CAI Stringy Floppy with RS-232 Port..

This is Richard's first Computer Equipment. He repaired one of the TS1000's, but one still has display problems. He is also looking for a 'Minky-Board II' or a schematic for one. Can anyone help?..

He would like some information on purchasing and connecting a MODEN to his TS1000..
He also needs Wafer 1's for his Stringy Floppy..
He has promised to send us a list of his Sinclair Books, Magazines, and other materials..

Richard:
For MODEN information, try:
88 Knighted Computers;; -;; 803 S. 4th Street;; Fulton;; NY;; 13069;; (New Address from SINCUS NEWS 8809-10 P4)..
88 Ed Gray Enterprises;; Voices;; 213-757-7406; Gray Matter BBS;; 213-971-6260, 300/1200/2400, 8,1,N, 24hrs;; (880307)..
For Stringy Floppy Wafers, try:
88 ABJ Assembly (Microdrive);; Annette & Jin Howell;; 408-281-0100;; (871019)..
We look forward to receiving your list of Sinclair Books, Magazines, Etc. ...

8 001008/TCM TS US Meeting..
'Introduction to Transcendental Numbers' by Dick Delp..
Handout: 'High Speed Multiplication, Primality Testing, and Factoring of Large Integers' from Truett Smith (7 Pages)..
8 001007.1245-1302/Call from Ronald Ehrlich;; (402)493-1122;; 3515 North 113th Plaza, #6;; Omaha;; NE;; 68164..

Ron found out about us from Computer Shopper 8712. He is looking for information on hooking a Monitor to the TS1500. He wants to use the TS1500 with Non-Volatile RAM for a 'Glass Cockpit' for a Home-Built Aircraft. He also needs some help finding a Power Pak for the TS2040 Printer..

Ron:
We have inclosed a copy of 'Driving a MONITOR from the TS1000' by Mark Fisher from CATS II. 8808P9 (Reprinted in VISIA II V2, NS (8809?)). Maybe this will be helpful for the TS1500. Can anyone else help?..

The Power Pak for the TS2040 may be available from: JAWECO;; (415)592-8047, 24hrs;; as Part No. AC2410, AC Inputs: 120V/60Hz, Outputs: 24VAC 1Amp, Price: \$1.95. We bought some Part No. AC2400, Outputs: 24VAC 1.2Amp, some time ago, and they

were the Exact TS2040 Power Pack. Maybe the AC2410 P&T No. will work..

Randy Baker (880825.1659-1740) reports in the attached Sinclink 8807-9 that Van S. Vangor has information on expanding TS1000 RAM to 106K. You may want to contact him for help on your Non-Volatile RAM.. Hope this helps...

8 001006.0932-1040/Call from Phil Chambers;; (813)856-0873;; 155 3rd Street;; Spring Hill;; FL;; 34610..
Phil found out about us from Computer Shopper. He called to ask for help in using the TS2050 MODEN. He has the MTERM Terminal Program but no Manual. Can anyone help?..

In addition to the TS2050, he has the TS1000, ZIBO, TS1500, TS2068, TS2020, TS2040, Alphacore 32, TS1510, ZI Printer (which he needs paper for, can anyone help?) and 16K, 32K and 64K RAMpacks. We got all of this within the last (5) weeks and these are his first Computers..

We suggested he contact some of the folks at 'The Sinc Times' (3) for help. Unfortunately we only had addresses for them and Phil doesn't like to write letters. We also suggested Bill Jones at (904)871-4513..
Phil:
We forgot to suggest: SMUG (Sinclair Northamerica Users Group);; Mel Mathanson;; (813)863-5552..
Hope this helps...

8 001005/San Jose Mercury News Article, Page 2D..
'West: ad PLC, a leading British manufacturer of personal computers, has agreed to pay \$75 million for 9.8 percent of Micron Technology Inc., a maker of computer memory chips based in Boise, Idaho'...

8 001005/PC UNIX SIG Meeting..
'Real Time UNIX' by 'Lynx' Real-Time Systems, Inc.;; (408)370-2253;; 8-Page Handout...

8 001004/Letter from James Crumley, 416-84-5013; -;; Drawer A;; Ft. Leavenworth;; KS;; 66027-7140..
FOR SALE:
88 TS2068..
88 TS2040..
88 Software:
88 Vu-File..
88 Vu-3d..
88 Hang-Wild FORTH..
88 ZEUS Assembler..
88 Original Timex-Sinclair Tutorial Tape..
88 Manuals:
88 Essential Guide to Timex-Sinclair Computers..
88 Introduction to FORTH..
88 Zilog Assembly Language Manual..
88 Back Issues of TBW..
ALL: \$100.00 (or best offer!)..

James reports the Prison Officials are forcing him to get rid of his computer. If he cannot sell it, he is not certain he can even afford to mail it out. It may simply be destroyed and thrown away..

James:
Sorry to hear you must get rid of your computer. Hope this helps to find a home for it.. If all else fails, maybe we could pay for the shipping and find a home for it before it is destroyed. Tell us how you make

out...

8 001001/TCM TS SIG Meeting;; Attendance 110;; Subject: Open Look: The Rinx File Manager;; (by Mark Wahl);; Handout (and Overheads) (24 Pages);; References:
88 Sun Microsystems: Mountain View, CA; or AT&T: Morristown, NJ;; 'Open Look Graphical User Interface Functional Specification';; 15 Chapters,, 2 Appendices..
88 Tanenbaum, Andrew S.;; 'Operating Systems: Design and Implementation';; 719 Pages;; may include 8 360K IBM disks containing: source and object code for RIMIX OS;; ISBN 0-13-637406-9;; Published by Prentice-Hall Inc., 1987..
88 Radoff, David;; Unix World: 'A New Look for Unix';; 8807, V5, 87;; Tech Valley Publishing,, 444 Castro St., Mountain View,, CA, 94041..
88 Unix Review;; 8806,, V6 #6;; 500 Howard St., San Francisco, CA, 94105;; Voices: (415)397-1881,, Telex: 278273,, Usenet: uscbv@ixml:beast!editor;; Articles: 88 Lee, Ed;; 'Mi Opportunity';; Pages: 46-50, 51, 54-56, 58, 60-61..
88 Leffler, Sam;; 'A Window on the Future';; Pages: 62-69;; Includes 12 references..
88 Rosenthal, David S.H.;; 'Going for Baroque';; Pages: 71-79;; Includes source code...

881001.1932;; sc8810;; END....
1988 Oct 28 17:11:45
fpl sc8809 lis
881004.1037;; 3945 Words;; 'SILIX (Sinclink Information Exchange);; (C)contacts;; Filename: sc8809 (sf88);;

8809 SLIX Contacts (33)...

8 880929/Postcard from Barry Kenmore;; 50 Paladino Ave. #5d;; New York;; NY;; 10035..
Barry asks us to please send current TS Information..
Barry:
Hope the attached Sinclink 8807-9 answers your question. Hope you decide to subscribe...

8 880929/Catalog from Sharp's;; (804)730-9697..
Sharp's now carries the 'Sinclair MSDOS PC' (by Astrad) in addition to the QL, Z88, and Psion Organiser...

8 880928/GUTS/SV Meeting. Attendees (5): Bill Miller,, Mark Wahl,, Steve Nichols,, Mike Furean and his Dad,, Jeff..
Mark showed his 'Open Look' presentation for 881001 TCM TS SIG' (24 Pages)..
Steve got some results out of his Compiler and showed them.. Steve also reports he has the 'C' source code for 'GANK', the IBM-PC Version of the UNIX 'awk' Pattern Scanning Language. This is about 300K in length after 'UnARcing' and will probably take about 1.5hrs to transfer by MODEN at 1200RPS..
Mike showed the ZIBO he got at a flea market. He also got:

88 BAZUG (3);; Pages
88 8208;; V1, N4 4..
88 8206-7;; V1, N3 2..
88 8205-6;; V1, N2 2..
88 SYNC (5);; 98..
88 8303-4;; V3, N2 122..
88 8211-12;; V2, N6

88 8207-8;; V2, N4 82..
88 8203-4;; V2, N2 50..
88 8201-2;; V2, N1 46..
88 Timex Sinclair User;; V1, N7 66..
88 The Best of SYNC;; V1 174..
88 Timex Sinclair Interfacing 146..
Mike also donated the TS1000 Music Program he got from one of the magazines...

8 880927.1019/Note to Andy Hradsky..
Andy:
Regarding our 880926.1945' telephone conversation, here is my best guess on how to hook up the QL to a Magnavox RGB Monitor 80:..

Magnavox RGB Monitor 80

'QL' Cable Monitor 80

Pin Signal Wire Signal Pin

1 +5V NC

2 GND SHLD GND 6

3 Composite Monochrome Video NC

4 Composite WHT Horizontal Sync 7

5 Vertical Sync NC

6 GFN Red GRN 3

7 RED GRN RED 2

8 BLU BLK BLU 4

Please tell us if this works for you...

8 880926.1652/Call from Ezra Dickinson..
Ezra found out about us from the San Jose Mercury. He 'inherited' a TS Computer and really doesn't know anything about them. He plans to come to the 880928 meeting...

8 880924.1303/TCM TS SIG. LogOn BBS File Printout (Filename: MACIIPR.TXT)..
Paths:
SLIX'Mark Wahl'kingLogOn/SV..
Subject: APPLE ANNOUNCES 68030 MACINTOSH IIX WITH HIGH DENSITY COMPATIBLE DRIVE (1.44MB/720K 3.5in)...

8 880924.0939/TCM TS SIG;; Attendance: (8); 'Fast Multiplication' by Truett Smith..
Future Presentations:
Date: Subject: Presenter..
881001: Open Look: Mark Wahl..
881008: Transcendental Functions & Arbitrary Arithmetic; Dick Delp..
Future Topic Suggestions:
88 By Carl Linden:
88 Backup..
88 DOS 4.0..
88 Windows..
888 386/Multi-tasking..
888 No Multi-tasking..
88 05/2..
888 IBM..
888 Others..
88 386 Machines (386i)
88 IMIX..
88 Energy Policies (by Howard Lebowitz?)..
88 Desview..
88 Microchannel;;
888 IBM..
888 Others..
888 BBS's;
888 I Line..
888 Multi-Line..
888 Netmail..
88 By Bill Miller:
888 National (International?) Information Network;;
888 USENET/Portal..
888 FIPONE..
888 Prodigy..

8888 Computerve..
8888 U.S. Mail..

8 880922/Letter from Rich
Hilderbrand;; (415)633-7446;;
598 Haas Avenue;; San Leandro;;
CA;; 94577..

Rich reports he has FOR SALE:
88 TS1000..
88 TS1500..

88 TS2040 Printer..
88 16K RAM Module..
88 Programs, 16K Times (11)..
88 Programs, 2K Times (7)..
88 Programs, Hardware (5)..
88 (3) Rolls Printer Paper..
88 Book on games for TS1000..
Complete list in SLII Files or
contact Rich directly...

8 880921/Letter from Oscar
Eugenio Nacia (Dated 880906,
Postmarked 880907, Registered,
from Argentina)..
Oscar encloses \$5.00 cash for a
1/8 page ad (48 32 Character
Lines)::

THE LAST SOFTWARE FOR TS AND 2K:
Don't Miss Your Opportunity!..
Over 3000 titles for Spectrum
Compatibles and TS2068...

Games, Utilities, Educational,
Loan Up Conversions,
Adventures, Comics Conversions,
Arcades, Simulators, and
More...

Examples: Rastan, Judge Dredd,
Elevator Action, Battle Ships,
Silent Service, Gunship, Pink
Panther, Charlie Chaplin,
Arkanoïd I & II, Rygar, Out
Run, Agent X I & II, Vixen,
Nash I & II, Venom, Star Wars,
Death Wish 3, Flying Shark,
Rolling Thunder, Dan Dare I &
II, Ikari Warriors, Crazy Cars,
Match Day I & II, Head Over
Heels, Driller, Renegade,
Target Renegade (Renegade II),
Rampage, Aliens I & II,
Platoon, Predator, Bosconian,
Gryzor, Bubble Dubble, Karnov,
McMan I & II, Indiana Jones,
Garfield, Andy Capp, Firetrap,
Mirball, Staine, Etc. ...

Write To:..
Oscar Eugenio Nacia ..
Billinghurst 1565, 26 ..
(1425) Capital, B5. AS. ..
ARGENTINA ...

Add \$2 for list..
Tell me about your
requirements..
Also Hardware (Emulators,
Cracker Devices, Expansion
Memory, Etc.)...

Oscar says he was on holiday
when our last Newsletter
arrived..
He says the 880531 price list
needs to be updated since
dollars are now more expensive
in Argentina..
Oscar would like information
about the IBM PC-DOS File
Structure on disk..
The Distribution?, Directory
Entries, Start Point and Tracks
used by a File, Etc. ...
He says he uses the MS-DOS
System at this moment..
He says his main problem is
English because he has only
been studying it for (3) Months
at ICANA (Instituto Cultural
Argentino-Morteamericano). He
asks if we know Spanish..
He includes a list of (14)
Hardware and Software products
for the TS or TC2068/2048 and
2K Spectrum (list in SLII files
or contact Oscar directly)...

8 880919/Letter from L. F.
Cresmer;; (805)928-9787;; 505
N. Donovan Road;; Santa Maria;;
CA;; 93454-1851..
Mr. Cresmer reports he is
willing to pay up to \$100.00
for a TS2068. His computer has
been down for two years because
of a dead short. He is also
looking for a copy of the
schematic diagram..
Mr. Cresmer:
We have enclosed a copy of the
schematic diagram (although
quite small- for larger
schematic, check with TS
Dealers listed in
TIMELINE2/Sinlink 8801-6 Page
350) and Sinlink 8807-9. If
you could send us \$1 for each,
it would help out. If you can't
afford it, don't worry about
it. You might also consider
checking with Dan Elliott;
(314)739-1712, about repairing
your TS2068. Hope this helps...

8 880919/Note and 5.25in disk
from Ralph Muraco..
Disk contains: 'Batch Files-
a Review' that Ralph promised us
at the 880827 TCN_UG_TS_516
Meeting...

8 880919/Letter from SMUG;; c/o
Mel Mathanson;; (813)863-5552;;
Chairperson, Pro-ten;; 7515
Arbordale Drive;; Port Richey;;
FL;; 34668;; USA..
Mel reports SMUG intends to have
information available on:
a) Sinclair Oriented User
Groups..
b) Current and active list of
Vendors..
c) Names and addresses of
Sinclair Users (with users
permission)..
d) Accurate and up to date
listing of Sinclair specific
BBS's..
e) Public Domain Software
Library (PDSL)..
f) Newsletter and Document
Library (NDL)..
g) Establishing a database of
known hardware and software
problems and available cures..
SMUG has set up a Dues Structure
of:
88 \$12 Individual Membership..
88 \$15 Users Group Membership...

8 880919/Letter from Oscar
Eugenio Nacia (Dated 880906,
Postmarked 880907, Registered,
from Argentina)..
Oscar encloses \$5.00 cash for a
1/8 page ad (48 32 Character
Lines)::

THE LAST SOFTWARE FOR TS AND 2K:
Don't Miss Your Opportunity!..
Over 3000 titles for Spectrum
Compatibles and TS2068...

Games, Utilities, Educational,
Loan Up Conversions,
Adventures, Comics Conversions,
Arcades, Simulators, and
More...

Examples: Rastan, Judge Dredd,
Elevator Action, Battle Ships,
Silent Service, Gunship, Pink
Panther, Charlie Chaplin,
Arkanoïd I & II, Rygar, Out
Run, Agent X I & II, Vixen,
Nash I & II, Venom, Star Wars,
Death Wish 3, Flying Shark,
Rolling Thunder, Dan Dare I &
II, Ikari Warriors, Crazy Cars,
Match Day I & II, Head Over
Heels, Driller, Renegade,
Target Renegade (Renegade II),
Rampage, Aliens I & II,
Platoon, Predator, Bosconian,
Gryzor, Bubble Dubble, Karnov,
McMan I & II, Indiana Jones,
Garfield, Andy Capp, Firetrap,
Mirball, Staine, Etc. ...

Write To:..
Oscar Eugenio Nacia ..
Billinghurst 1565, 26 ..
(1425) Capital, B5. AS. ..
ARGENTINA ...

Add \$2 for list..
Tell me about your
requirements..
Also Hardware (Emulators,
Cracker Devices, Expansion
Memory, Etc.)...

Thanks for the information..
PC-DOS and MS-DOS are the SAME.
If you understand the
organization of an MS-DOS disc,
you understand PC-DOS. We are
Article explaining the
MS/PC-DOS disc organization,
but we haven't figured out the
File Allocation Table..
What machine and program are you
using to write your letters? I
notice it is all in Upper Case
Letters. Can your equipment
handle Lower Case Letters?
While I don't read Spanish, my
next door neighbor does. Feel
free to send specific Catalogs
and information on the Bisc
Interface, Serial RS-232
Interface, and RAM Expansion,
even if they are in Spanish. We
will try to translate..
You ask in your first letter
about how many TS Users there
are in the USA. We suspect the
U.S. TS sales were about:
88 TS1000 600,000 to 800,000..
88 TS2068 50,000 to 100,000..
88 DL 5,000 to 10,000..
About 100 to 200 people have
been attending recent TS
Computer Fests (Portland,
Oregon and Cleveland, Ohio)..
Hope this information helps..
Hope we hear from you soon...

8 880918/TSPUG Meeting?..
8 880917.1013/TCN_UG_TS_516
Meeting;; Attendance: (10)..
Touett Smith;; How to Find Prime
Numbers Fast..
Motivations:
88 Curiosity..
88 National Security..
Mersenne Numbers: 2^p-1..
Largest Prime Number proved so
far: 2^216091-1..
To find Prime Numbers:
1) a^n mod n..
2) Multiplication..
3) Jacobi Numbers..
4) Square Root..
5) Division... ..

8 880916/Letter from Tim Dill;;
--; 410 Maxwell Ave.;;
Evansville;; IN;; 47711..
Tim asks us to send information
about our Users Group and where
to find programs and equipment
for the TS1000..
Tim enclosed a \$0.25 stamp..
Tim:
Thanks for the stamp. A list of
TS Dealers is on page 350 of
the attached
TIMELINE2/Sinlink 8801-6..
When you write to them, a Self
Addressed Stamped Envelope
helps..
You may also wish to contact:
Indiana Sinclair Times Users
Group (ISUG);; c/o Frank
Davis;; (317)473-8031;;
Contact: 513 E. Main;; Peru;;
IN;; 46970...

8 880916/Note from John Ezike..
John reports his last issue of
TIMELINE2 lost it's insides in
the mail. The paper tape came
loose. He requests a new copy..
He also encloses COMPUTE! 88010
Pages 16 and 18 with
information about 16 BBS's:
88 FLEXI-BOARD BBS at
(617)648-7651..
88 Time Warp BBS in Des Moines,
IA at (515)282-4169..
And TS Dealers:
88 Curry Computer;;
(602)978-2902;; P.O. Box 5667;;
Glendale;; AZ;; 85312-5667..
88 Sunset Electronics;; 2254
Taravel Street;; San
Francisco;; CA;; 94116..
John also includes the famous
'IBM-PC Compatible Sinclair
Computer' ad (also from
COMPUTE!). It looks

suspiciously like an Anstrad.
But is it BLACK?? (All REAL
Sinclair Computers are BLACK-
if you don't count the Z180)..
John:
Thanks for the information..
We will have to send you a
partial Newsletter more often
if that's what it takes to get
information like this. All the
newsletters we exchange with
have had rumors about this ad,
but this is the first we have
seen of the actual ad..
As far as replacing your
Newsletter, as you can see from
the 880903 Contact, Andy mailed
out the Newsletters and SLII
doesn't have any extra copies.
However, we have about
completed Sinlink 8807-9 which
has everything that was in
TIMELINE2 8807-8 but the ads.
We will mail you Sinlink
8807-9 when we get it done. If
you want the Z88 ad, contact
American Micro Connection (Page
8 in Sinlink)...

8 880915/Letter from D.
Brunfield;; (919)859-4142;; 106
Kirkfield Dr.;; Cary;; NC;;
27511..
Mr. Brunfield reports he has FOR
SALE: TS2068 (2), JLO Dist
Interface, 5.25in 96tpi drive,
various other TS2068 hardware,
(18) Spectrum Programs, (5) TS
Books, & (54) TS Magazines..
Complete list with prices in
SLII files or you may contact
Mr. Brunfield directly...

8 880912.1716-1722/Call from
Tim Swenson;; (703)820-3181;;
6145-603 Leesburg Pike;; Falls
Church;; VA;; 22041..
Tim reports he has been assigned
to the Pentagon and seems to
have unlimited access to a SUN
Workstation..
Tim called to find contacts for
the CATS User Group. We
suggested:
88 Tom Bent;; (301)730-7187..
88 Vernon Smith;;
(703)978-1835..
Tim:
It was good talking to you. We
are working on a Shareware C
Compiler and Assembler/
Disassembler for the 68008
based on the Aniga Fred Fish
informed of any Shareware UNIX
utilities in C with source code
that you run across on the SUN.
We also hope to get some UNIX
Clone utilities from MINIX,
MINIX messages on USENET and
the GNU (GNU's Not UNIX)
project...

8 880912/'DRAMS 256k \$5/ea.; 1
Megabit \$16/ea. (408)281-2837'
San Jose Mercury News
classified ad under 'Business
Merchandise/ Computers...

8 880910/TCN_UG_TS_516 Meeting..
'Exatron IC Handlers and
Testers' by Bob Howell...

8 880909/Letter from Warren
Fricke;; --; 273 Canton
Street;; Depeu;; NY;; 14043..
Warren's letter is printed out
on a TS2040 in upper and lower
case, so we suspect he has a
TS2068. The printout is 32
characters wide, so we suspect
he is not using Tsword or
Spectral Writer. Warren also
encloses (4) \$0.25 Stamps.
Thank's Warren..
Warren says he is interested in
subscribing to several Times
newsletters. His own club, SUN
of Western NY, does not publish
one..

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He asks for a copy of our latest issue, for which he enclosed one dollar in stamps..

He asks what is the annual charge for the newsletter alone? How often is it published? Do we accept contributions from those other than members?..

Warren:

We have attached TIMELINEZ/SinLink 0801-6 which is the latest issue that we have extra copies of..

As the newsletter states, we would prefer to exchange newsletters. A simple note in the same format as your letter about who attends SUG/MNY meetings and what they are doing (and talking about doing) would be fine. As a matter of fact, we will count your letter as the first issue (SUG/MNY NL 0809)..

If you just can't do this, subscriptions are \$15 per year. We have had a little financial difficulty lately, so we have cut back the newsletter from monthly to every 2 or 3 months till our finances are better.. We accept contributions (Newsletter Articles, etc.) from ANYONE. We look forward to a contribution from you or SUG/MNY..

Hope this answers all your questions. Thanks for your interest...

080908, 1917/Call from John Andrews; -; 527 McLaughlin 8107; San Jose; CA; 95116.. John needs a TS2068 parallel printer interface..

John:

Hope the attached TIMELINEZ/SinLink 0801-6 helps. RRG Enterprises; (503)835-7484, 10A to 10P & Foote Software; (904)462-1086 seem the most likely to have what you are looking for. They are listed on page 350 of the newsletter..

You also might try Zebra Systems; (710)296-2385 or Mercor; (512)451-5874..

If you write for a catalog, it helps to provide a Self Addressed Stamped Envelope.. You may also want to provide us with your telephone number in case one of our readers has a Centronics interface to sell. Hope this information helps.. It would help other folks if you could report to us on which vendors still seem active...

080908/Letter from UPDATE Magazine; c/o Bill Jones; (904)871-5113; 1317 Stratford Ave.; Panama City; FL; 32404..

Bill reports UPDATE Magazine is expanding to include the Sinclair QL, the Z88, and the TS2068. We also reports programs and utilities in UPDATE will be available in disk format at low cost. Subscriptions to UPDATE are \$15.00/yr (4 issues)..

Bill:

Thanks for the information. Perhaps we could exchange back issues. We have attached the 0412 TIMELINEZ which has an index to previous TIMELINEZ issues. We are working on an index to all TIMELINEZ, SinLink, and BAZUG issues (82 issues so far)..

We have also enclosed an index to our TIMELINEZ/SinLink ShoreWare Disk (in 3.5in or 5.25in, 720K DL format)..

Perhaps we could exchange disks. Do you have an index to your disk(s)? Do you have an index to your Back Issues? Thanks again for your information...

080908/Letter from Brian Boatright..

Brian says he tried to contact the Robotics Society by mail, but they have not responded yet. We also enclosed \$5.00 cash for TIMELINEZ issues: V1,N1; V1,N2; V1,N4; & V1,N5. He says he is trying to program the Times in machine code but has had no luck in addressing it to memory. He has also been trying to make the user port make hi and low voltages thru BASIC with no luck at all. He has tried LPRINT and ASII(x) (x being the bit pattern number)..

Brian:

Thanks for your order! We have attached the issues you ordered, hope they help. I'm afraid we can't help you much with your machine code questions. Can anyone else help?...

080907/PC UNIX SIG Meeting..

'A Short History Of UNIX' by Bruce Hunter (Manager of Intel's UIS system software) and David Fiedler (co-author with Bruce Hunter of 'UNIX System Administration')..

Handouts(5):
01 PC UNIX SIG Software Library Index (6-7) 1.2MB floppy disks in cpio format; from: Bonn Fisher;
'andcad'sun!ys2!gn!denn..

02 From: InfoPro Systems; -; P.O. Box 220; Kescue; CA; 95672; (3):

03 'root' (TM), Volume 0, Number 0, 'The Journal of UNIX(R)/Xenix(TM) System Administration' (4 Pages)..
04 'UNIQUE' (TM), 'The UNIX(R) System Information Source' (2):

05 0808,V5,N5 (12 Pages)166

06 0809,V5,N6 (12 Pages)..

07 'UNIX(TM)/Xenix(R) Text Processing Reference' (33 Pages). From: SUN Microsystems; (415)960-1300; 2550 Garcia Avenue; Mountain View; CA; 94043...

080906/Letter from Jim Levey (printed on a TS2040 in all caps and retyped into the QL using upper and lower case and SLIX standard paragraph format)..

TIMELINEZ..
Bill Miller..
Cupertino, CA..
Bill:

On Sunday, Aug. 20, I had the opportunity of attending the Midwest Sinclair Computer Conference held at the Deck Art Center in Lakewood, Ohio.. Since I don't belong to any particular Users Group, I really didn't know anyone there personally, but this didn't prevent me from thoroughly enjoying myself the whole time I was there..

Upon entering, my friend and I were handed stick-on name tags printed out via a 'QL' setup there specifically for that purpose. We then walked into the main conference area and I felt as if I had just entered 'Sinclair Heaven', for there in front of me stood table after table of Sinclair hardware and software representing the

'cutting edge' of 'user technology'.. There were reps from Time Designs, Zebra Systems, Sharp's Inc. plus setups and demos from local user groups.. There was one demo that married a 'Times 2068', John McMichael's serial port emulation board and an Okimate 20 Color printer. It was printing screen dumps from the 2068 as if it had been made for it..

There was a 'QL' system demo, on Astrad setup, and several 2068's running software demo's. And speaking of software, Zebra Systems had quite a bit, and was selling it at rock bottom prices. (\$2.00 to \$3.00 ea.). I The thing I noticed the most was the enthusiasm of both the exhibitors and the visitors.. What hath Sinclair wrought?.. Jim Levey.. Streetsboro, Ohio..

Jim:
It is good to hear from you and get your 'Computer Conference Report'. It looks like you did it on a TS1000 or 1500. What did you use for a program? Is it freely Copyable? Could we print it in the newsletter? Or is it just a bunch of print statements. We don't have a very good record of which Times computers you have. Maybe you could give us an update. Thanks for your report!...

080903/Letter from Ziff-Davis Publishing Company; Deborah Black-Rodes; (212)503-5365; Sales Development Manager; 1 Park Ave. 5th Fl.; NY; NY; 10016..

Ziff-Davis offers User Group Members up to 50% Discounts on Computer Magazines:
01 MACUSER MAGAZINE ...\$13.50/yr
02 A+ MAGAZINE ...\$12.49/yr
03 PC MAGAZINE ...\$24.97/yr
04 PC TECH JOURNAL ...\$17.49/yr..
Order forms in SLIX files or you may contact Deborah Black-Rodes directly...

080903/USENET MINIX Messages 3373(080811) to 3384(080813) (14) printout; (29) Pages from Mark Wahl...

080903/Letter from Donald S. Lambert; (319)364-4330; 3310 Clover Drive S.W.; Cedar Rapids; IA; 52404..

Donald says he thinks he may have missed some issues of TIMELINEZ NEWS-MAGAZINE. The last issue in his files was 0712 before receiving 0807-9. He would like to order the issues in between..

Donald also incloses a check for \$17 for TIMELINEZ issues 0307 to 0411 (17 issues according to TIMELINEZ 0412)..

We notes that TIMELINEZ/SinLink back issues are available back to 1982 but the first issue of TIMELINEZ is 0307. He wonders if that is an error. He is trying to track down all the past information on Times Sinclair possible..

Donald:
Thanks for your interest and your check! We have enclosed the back issues you ordered + TIMELINEZ/SinLink 0801-6. This should bring you more or less up to date..

In addition to TIMELINEZ, some issues of SinLink and BAZUG (predecessors to TIMELINEZ) are also available. Also, sometimes

a separate SinLink is published when it won't all fit in TIMELINEZ..

Here is a list of all SinLink and BAZUG issues available:

SinLink (30):	Pages:
01 0807-9	3..
02 0801-2	8..
03 0711	8..
04 0710	6..
05 0709	4..
06 0708	4..
07 0707	5..
08 0706	4..
09 0704	4..
10 0703	3..
11 0702	3..
12 0507	16..
13 0506	1..
14 0504	4..
15 0502	4..
16 0411	16..
17 0410	8..
18 0306; V2, N2	8..
19 0304-5; V2, N1	4..
20 0303; V1, N11	8..
21 0302; V1, N10	10..
22 0301; V1, N9	10..
23 0212; V1, N8	8..
24 0211; V1, N7	8..
25 0210; V1, N6	8..
26 0209; V1, N5	5..
27 0207; V1, N3	5..
28 0206; V1, N2	6..
29 02047;:	
000 Meeting Agenda	1..
001 Member List	2..
001 'Machine Code Screen Routine' Handout	9..
01 020330;:	
000 Meeting Agenda	1..
001 Member List	3..
BAZUG (5):	
01 0305; V2, N4	4..
02 0303; V2, N3	4..
03 0302; V2, N2	4..
04 0301; V2, N1	4..
05 0209; V1, N5	2..
Bay Area ZIBO/ZIBI User Group (1):	
01 020125; Letter from Bruce Lynn with ZIBO/ZIBI, BK ROM, 16K RAM Program	2..
Would someone like to index these? Better yet, enter the contents in our data base as text files on QL or IBM disk format?...	
080903/Letter from David Alvarez; -; 5415 S. Grove St., #68; Rocklin; CA; 95677..	
David asks for information about software, hardware or any innovations for the TS2068. He found out about us from Computer Shopper..	
David: The attached TIMELINEZ/SinLink 0801-6 should help to answer your questions. More information can be found in TIMELINEZ/SinLink back issues. You may wish to order some of them. The 0412 issue has an index to previous issues. You may wish to order it first. Back issues are \$1.00 each. Make checks payable to: SinLink..	
Mail To: SinLink.. c/o Bill Miller, (408)253-3175.. 6675 Clifford Drive.. Cupertino, CA 95014-4530...	
080903/TCW US TS SIG Meeting.. 'The LogOn BBS' Past, Present, and Future' (Discussion lead by Bill Miller)...	
080901/Note to Andy Wradesky.. Andy: Thanks for publishing and mailing TIMELINEZ/SinLink 0807-8 despite all the difficulties.. We have enclosed some things	

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USER GROUP MEETINGS ARE ALWAYS OPEN TO THE PUBLIC AT NO CHARGE. GUESTS ARE HIGHLY ENCOURAGED TO ATTEND.

HAPPY COMPUTING.....THE EDITORS

NAME: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____

PHONE: _____ WORK#: _____

HOW DID YOU HEAR ABOUT US?

FAIRS _____ COMPUTER STORE _____

NEWSPAPER/MAGAZINE _____

MEMBER/FRIEND _____

LogOn Unlimited Bulletin Board System (BBS)

TIMEXsinclair SPECIAL INTEREST GROUP (SIG)

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300/1200, 8,M,1, 24 MRS, 7 PHONE LINES
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(408) 745-0800

REVIEWER: MARK WAHL

T C U T S S I G THE COMPUTER WORKSHOP TIMEXsinclair
SPECIAL INTEREST GROUP
558 CYPRESS AVENUE
SUNNYVALE, CALIFORNIA 94086
(408) 739-3977

SIG HOST: MARK WAHL

MEETINGS: EVERY SATURDAY MORNING AT 9:00 A.M.
STANFORD UNIVERSITY
JORDAN HALL (in the QUAD)
ROOM 380C (downstairs)

DATES: NOVEMBER 5, 12, 19, 26, 1988
DECEMBER 3, 10, 17, 24, 31, 1988
JANUARY 7, 14, 21, 28, 1989

E B Z U G EAST BAY ZOO USER GROUP
1619 GRANT STREET #6
BERKELEY, CALIFORNIA 94703
(415) 843-3507

HOST: JOHN EZIKE

MEETINGS: FOURTH WEDNESDAY OF EACH MONTH, 7:30 P.M.
WEST BRANCH BERKELEY PUBLIC LIBRARY AT
THE CORNER OF UNIVERSITY AND SAN PABLO.
BRING EQUIPMENT AND POWER STRIPS.

DATES: NOVEMBER 23, 1988
DECEMBER 28, 1988
JANUARY 25, 1989

P U G PENINSULA USER GROUP
311 MICHELLE LANE
DALY CITY, CALIFORNIA 94015
(415) 878-1773

PRESIDENT: GEORGE MOCKRIDGE

HOST: WALT JOHNSON

MEETINGS: THIRD SUNDAY OF EACH MONTH, 1:00 P.M.
PENINSULA HOSPITAL
1783 EL CAMINO REAL
BURLINGAME, CA

DATES: NOVEMBER 20, 1988
DECEMBER 18, 1988
JANUARY 15, 1989

T S S V U TIMEXsinclair SILICON VALLEY USERS
6675 CLIFFORD DRIVE
CUPERTINO, CALIFORNIA 95014
(408) 253-3175

HOST: BILL MILLER

MEETINGS: LAST WEDNESDAY OF EACH MONTH - 7:30 P.M.
CUPERTINO LIBRARY
COMMUNITY ROOM
10400 TORRE AVENUE
CUPERTINO, CA 95014
BRING YOUR EQUIPMENT
DOWN ACCESS RAMP
LEADING TO BOTTOM OF
CIRCULAR BUILDING

DATES: NOVEMBER 30, 1988
DECEMBER 28, 1988
JANUARY 25, 1989

TAS-BAY, INC. TAMPA AND SUNCOAST BAY AREA MICRO-
COMPUTER USERS' GROUP, INC.
5956 46TH AVENUE NORTH
SAINT PETERSBURG, FL 33709
(813) 546-4278

HOST: GEORGE FEATHERMAN

MEETINGS: SECOND SATURDAY OF EACH MONTH, 7:30 P.M.
SUNRISE SAVINGS AND LOAN
7777 NORTH SEMINOLE BLVD.
SEMINOLE, FL

DATES: NOVEMBER 12, 1988
DECEMBER 10, 1988
JANUARY 14, 1989

SinLink

Volume 6;; Numbers;; 10-11
Oct, Nov, 1988..

which may help out with the
next newsletters::

Printouts::

*** 'TIMELINEZ/SinLink
Shareware File Index'. Page
374 & 375 of TIMELINEZ/
SinLink_8807-8 may have
been a little confusing.
This may help clear it up..

*** 'SLIX Newsletter Exchange
88' (sx88.doc). This is a
record of all 1988 SLIX News-
letter Exchanges so far (to
the end of August). Hope it

helps you with your 'Timex
Sinclair Publications'
Article..

*** '8806 to 8808
TIMELINEZ/SinLink Mailing
Record' (tr88610)..

This is a record of all
TIMELINEZ/SinLink_8801-6
Newsletter mailings with
newsletters owed. This may
help out with budgeting.
You may want to edit this file
to keep track of who you mail
to..

*** 'SLIX File & Record Format
88' (sf88.doc)&&

*** 'TIMELINEZ/SinLink Mail
List and Procedures'
(tm8808.bas)..

5.25in, 720K, QL Diskette
(with Descriptive directory
(ddr) printout) contains::
Current SLIX Files..

P.S. Don't worry about the QL
Picture file from page 364, 365,
& 366 of the newsletter.
We found it..

* 880901.1200/Call from
Jack Davis of the San
Mercury News who is fil-
ling in for Dawn Dodds
for a few weeks..

Jack called to ask if we
were meeting this Satur-
day (880903). We said
'yes', and also told him
that the BBS number had
changed to 745-8850...

880901.1401;; sc8809;;
END....

IT'S A BOY!

It all began after a Mexican dinner on
the night of November 2, 1988. My wife's
labor started around 9:20 P.M. while we
were on a quiet drive through Saratoga
on Route 9. By 11:15 P.M. we were in
the labor room at Oaknoll Naval Hospital
awaiting our exciting moment. By 2:30
in the morning, Stephanie was rushed in-
to the delivery room and on 2:57 A.M our
child, Christopher Andrew Hradesky, was
born weighing a total of 9 pounds, seven
ounces and full of light red hair with
blue eyes and a length of 21 3/4 inches.

AMERICAN MICRO CONNECTION

2175 ABORN ROAD #262

SAN JOSE, CA 95121

FIRST CLASS MAIL